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BOROUGH OF CREWE



ANNUAL REPORT

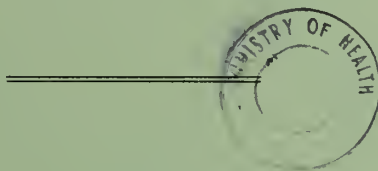
OF THE

Medical Officer of Health

AND THE

Chief Public Health Inspector

FOR THE YEAR 1958



D. G. CRAWSHAW, M.B., Ch.B., D.C.H., D.P.H.
Medical Officer of Health

JOHN GASKELL, M.Inst., P.C., M.R.S.H., M.A.P.H.I.
Chief Public Health Inspector

B O R O U G H O F C R E W E

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

and the

CHIEF PUBLIC HEALTH INSPECTOR

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B O R O U G H O F C R E W E

HEALTH COMMITTEE

Chairman:

Alderman Mrs. F.E. White

Members:

HIS WORSHIP THE MAYOR (Ex Officio)

Alderman W.R. Foulkes, J.P.

Councillor E.W. Allcock

Councillor A. Broomhall

Councillor T.O.M. Ffoulkes

Councillor F. Holme

Councillor J.O. Hughes

Councillor H. Kent

Councillor A.G. Merrill

Councillor R.H. Nicholls

Councillor S. Orwell

Councillor Mrs. N.V. Patrick

Councillor Mrs. M.F. Pemberton

Councillor J. Perry

B O R O U G H O F C R E W E

MEDICAL OFFICER'S OFFICE:

D.G. CRAWSHAW, M.B., Ch.B., D.C.H., D.P.H., Medical Officer of Health
(part-time with Cheshire C.C.)
C.E. BODEN, Chief Clerk (part-time with Cheshire C.C.)
Mrs. J.M. COOKE, Clerk (full-time)

CHIEF PUBLIC HEALTH INSPECTOR'S DEPARTMENT:

J. GASKELL (1.2.3.4.5.6.)	Chief Public Health Inspector Inspector under the Diseases of Animals Acts
R.E. PLATT (1.2.5.)	Deputy Chief Public Health Inspector
C. BENNETT (1.2.3.4.5.)	Public Health Inspector
D.W. COOKE (1.2.4.5.)	Public Health Inspector
R.D. COLLIER (1.2.4.)	Public Health Inspector
E.H. PEET (1.2.)	Public Health Inspector
A.H. ROBERTS	Pupil Public Health Inspector
T.C. SIMPSON	Chief Clerk
A. SHAW	Clerk - Resigned 19th September, 1958.
R.J. BLEASE	Clerk - Commenced 1st November, 1958.
Miss M.D. BATTERBEE	Shorthand Typist
Miss B. PEAKE	Shorthand Typist

1. Public Health Inspector's Certificate (Royal Society Of Health and Public Health Inspectors' Examination Joint Board).
2. Meat and Food Inspector's Certificate of the Royal Society of Health.
3. Certificate in Sanitary Science as applied to Buildings and Public Works of the Royal Society of Health.
4. Smoke Inspector's Certificate of the Royal Society of Health.
5. Testamur of the Institute of Public Cleansing.
6. Associate Membership Examination of the Institution of Public Health Engineers.

Health Department,

July, 1959.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to present to you my report on the health of the Borough of Crewe for the year 1958.

VITAL STATISTICS

During 1958, 19 infants died before reaching the age of 1 year, giving an Infantile Mortality rate of 24 per 1,000 live births. This is the lowest rate ever recorded for Crewe. 8 of these infants' deaths were due to congenital malformation, and no infant death was ascribed either to infectious disease or to Gastro Enteritis and Diarrhoea.

The total number of deaths, from all causes, recorded (616) is an increase of 40 on the 1957 figure (which was a 10% increase on the 1956 figure). The death rate per 1,000 resident population has thus increased from 10.2 in 1956 to 12.05 in 1958. During the same period, the England and Wales death rate has increased from 11.1 per 1,000 population in 1956 to 11.7 in 1958. 238 of these deaths occurred in persons aged 75 years or over, this figure being an increase of 47 on the 1957 figure; thus more than the whole of the increased number of deaths is to be found in the increase in deaths in this age group. 8 deaths were attributed to accidents, and 9 persons committed suicide. During 1957, 15 persons died from accidental causes, and 10 persons committed suicide. 4 persons died from pulmonary tuberculosis and 105 persons died from cancer, 19 of these being lung cancers. This latter figure is a surprising (and welcomed) reduction, and 1958 is the first year since 1950 which has not shown an increase.

In 1958 two deaths were ascribed to 'pregnancy, childbirth or abortion', no death has occurred from these causes during the preceding 5 years.

INFECTIOUS DISEASES

The notified incidence of Measles (21 cases) was very low indeed, and only 8 children were notified as suffering from Whooping Cough. Scarlet Fever notifications were very similar to those received in 1957. No case of Diphtheria occurred, nor did any person suffer Poliomyelitis in 1958. The notified incidence of Dysentery (6 cases) is a reduction on the 1957 figure (23).

The number of new cases of Pulmonary Tuberculosis (21) is an increase on the low figure of 17 during 1957. The B.C.G. vaccination of 13 year old school children continued very satisfactorily, and the acceptance rate was well maintained at about 80%.

Considerable progress was made with Poliomyelitis Vaccination during 1958, and a table has been included to show the position at the end of the year. By this date approximately two-thirds of the Crewe children had been vaccinated, mostly with two injections. At the time of writing practically all these children have received a third injection, and the recent impetus given to the vaccination scheme has resulted in a large number of persons in the 15 - 25 age group, and a fair proportion of the unvaccinated children, accepting vaccination.

I remain, Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

D.G. CRAWSHAW.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

General Statistics

Area (Census 1951)	4,386 acres
Population (Census 1951)	52,415
Registrar General's Estimated Population 1958	51,370
Number of inhabited houses, 1st April, 1958	16,355
Rateable Value (1st April, 1958)	£492,857
Sum represented by Penny Rate	£1,990

Extracts from Vital Statistics for the Year 1958

Notified Live Births:		Males	Females	Total
Legitimate		378	369	747
Illegitimate		27	17	44
All		405	386	791
Notified Stillbirths:		Males	Females	Total
Legitimate		17	9	26
Illegitimate		3	-	3
All		20	9	29
Total Live and Stillbirths		425	395	820
Live Birth Rate per 1,000 of estimated resident population (provisional) 15.4				
Stillbirth Rate per 1,000 total (live and still) births ... 35.3				
		Males	Females	Total
Registered Deaths		332	284	616
Death rate per 1,000 estimated resident population (provisional) 12.05				
Death from puerperal causes:			Rate per 1,000 registered total	
			Deaths	Births
Pregnancy, childbirth, abortion			3.2	2.4
Death Rates of Infants under 1 year of age:				
All infants per 1,000 registered live births (provisional)				24.02
Legitimate per 1,000 legitimate live births (provisional)				24.09
Illegitimate per 1,000 illegitimate live births (provisional)				22.7

BIRTH RATES, DEATH RATES, ANALYSIS OF MORTALITY, MATERNAL
MORTALITY AND CASE RATES FOR CERTAIN INFECTIOUS DISEASES
IN THE YEAR 1958.

(Provisional figures based on Weekly and Quarterly returns)

	CREWE						ENGLAND & WALES	
	Rates per 1,000 Home Population							
BIRTHS -								
Live	15.4						16.4	
Still	0.56						0.36	
	35.3 (a)						20.3 (a)	
DEATHS-								
All causes	12.05						11.7	
Typhoid & Paratyphoid Fevers	-						-	
Whooping Cough	-						-	
Diphtheria	-						-	
Tuberculosis (all forms)	0.077						0.1	
Influenza	0.038						0.05	
Smallpox	-						-	
Acute Poliomyelitis, including Polioencephalitis	-						0.0028	
Pneumonia (including pneumonia of New-born)	0.058						0.54	
	Rates per 1,000 Live Births							
Under 1 year of age (all causes)	24.02 (b)						22.6 (b)	
Gastro-Enteritis, Colitis (except ulcerative) and Diarrhoea under 2 years of age	-						0.43	
	Rates per 1,000 Home Population							
NOTIFICATIONS (corrected) -								
Typhoid Fever	-						0.003	
Paratyphoid Fever	-						0.004	
Meningococcal Infection	-						0.02	
Scarlet Fever	1.52						0.86	
Whooping Cough	0.15						0.74	
Diphtheria	-						-	
Erysipelas	0.04						0.07	
Smallpox	-						-	
Measles	0.41						5.7	
Pneumonia	0.01						0.49	
Acute Poliomyelitis including Polioencephalitis -								
Paralytic	-						0.03	
Non-Paralytic	-						0.01	
Food Poisoning	-						0.19	
Puerperal Pyrexia	-						14.2 (a)	
Ophthalmia Neonatorum	-						1.7 (b)	
Sonne Dysentery	0.12						0.84	

(a) Per 1,000 Total (Live and Still) Births

(b) Per 1,000 related Live Births

A dash (-) signifies that there were no deaths or notifications.

BIRTH RATES, DEATH RATES, ANALYSIS OF MORTALITY,
MATERNAL MORTALITY, AND CASE RATES FOR CERTAIN
INFECTIOUS DISEASES
in the year 1958.

(continued)

MATERNAL MORTALITY

	Crewe	England & Wales	
	No. of Deaths	No. of Deaths	Rates per 1,000 Total (Live & Still) Births
Sepsis of pregnancy, childbirth and puerperium	-	83	0.11
Abortion with sepsis			
Other complications of pregnancy, childbirth, and puerperium.	2	239	0.32
Total Maternal Mortality	2	322	0.43

COMPARATIVE STATISTICS 1948 - 1958

Year	Live Births			Still Births		Deaths		Infant Deaths				Maternal Deaths		
	Number	Rate per 1,000 Estimated Population	Number	Rate per 1,000 Total Births	Number	Rate per 1,000 Estimated Population	Under 4 weeks	4 weeks - 12 months	Total	Rate per 1,000 Live Births	Sepsis	Other	Total	Rate per 1,000 Total Births
1948	501	15.6	26	28.05	574	10.6	14	11	25	27.7	1	-	1	1.08
1949	838	16.3	18	20.36	673	12.7	18	11	29	33.5	1	-	1	1.13
1950	845	15.8	19	22.05	647	12.1	25	17	42	49.8	-	-	-	-
1951	809	15.5	17	20.58	793	15.1	19	13	32	39.5	-	-	-	-
1952	758	14.6	24	30.6	624	12.01	14	10	24	31.6	1	2	3	3.83
1953	809	15.5	23	27.6	513	9.8	23	5	28	34.6	-	-	-	-
1954	794	15.2	15	18.5	624	11.8	17	8	25	31.5	-	-	-	-
1955	718	13.9	20	27.1	574	11.1	16	9	25	34.8	-	-	-	-
1956	758	14.7	24	30.69	525	10.2	14	5	19	25.07	-	-	-	-
1957	785	15.2	20	24.84	576	11.2	14	7	21	26.8	-	-	-	-
1958	791	15.4	29	35.3	616	12.05	11	8	19	24.02	-	2	2	2.4

DEATHS OF CREWE RESIDENTS DURING THE YEAR 1958

CAUSE OF DEATH	ALL	Under 4 weeks	1 Month to 1 Year	Total under 1 Year	1 - 5 Years	5 - 10 Years	10 - 15 Years	15 - 25 Years	25 - 45 Years	45 - 65 Years	65 - 75 Years	75 + Years
1. Tuberculosis of Respiratory System	4	-	-	-	-	-	-	-	2	1	1	-
10. Malignant Neoplasm - Stomach	21	-	-	-	-	-	-	-	-	9	7	5
11. Malignant Neoplasm - Lungs, Bronchus	19	-	-	-	-	-	-	-	-	11	6	2
12. Malignant Neoplasm - Breast	6	-	-	-	-	-	-	-	2	3	-	1
13. Malignant Neoplasm - Uterus	8	-	-	-	-	-	-	-	1	2	5	-
14. Other Malignant & Lymphatic Neoplasms	48	-	-	-	-	-	-	-	2	20	12	14
15. Leukaemia, Aleukaemia	3	-	-	-	-	-	-	-	2	1	-	-
17. Vascular Lesions of Nervous System	98	1	-	1	-	-	-	-	-	25	31	41
18. Coronary Disease - Angina	107	-	-	-	-	-	-	-	6	36	39	26
19. Hypertension with Heart Disease	11	-	-	-	-	-	-	-	-	4	3	4
20. Other Heart Disease	132	-	-	-	-	-	-	-	1	24	32	75
Carried Forward	457	1	-	1	-	-	-	-	16	136	136	168

DEATHS OF CREWE RESIDENTS DURING THE YEAR 1958

CAUSE OF DEATH	ALL	Under 4 weeks	1 Month to 1 Year	Total under 1 Year	1 - 5 Years	5 - 10 Years	10 - 15 Years	15 - 25 Years	25 - 45 Years	45 - 65 Years	65 - 75 Years	75 + Years
BROUGHT FORWARD	457	1	-	1	-	-	-	-	16	136	136	168
21. Other Circulatory Disease	7	-	-	-	-	-	-	-	1	2	2	2
22. Influenza	2	-	-	-	-	-	-	-	-	-	-	2
23. Pneumonia	3	-	-	-	-	-	-	-	-	2	1	2
24. Bronchitis	10	-	-	-	-	-	-	-	-	4	2	4
25. Other Diseases of Respiratory System	7	-	-	-	-	-	-	-	-	-	1	6
26. Ulcer of Stomach and Duodenum	6	-	-	-	-	-	-	-	-	1	4	1
27. Gastritis, Enteritis and Diarrhoea	2	-	-	-	-	-	-	-	-	-	-	2
28. Nephritis & Nephrosis	6	-	-	-	-	-	-	-	1	2	-	2
30. Pregnancy, Childbirth, Abortion	2	-	-	-	-	-	-	-	1	-	-	2
31. Congenital Malformations	8	4	4	8	-	-	-	-	-	-	-	-
32. Other Defined & Ill Defined Diseases	89	6	3	9	-	-	-	-	3	10	20	47
33. Motor Vehicle Accidents	6	-	-	-	-	-	-	-	3	-	-	1
34. All Other Accidents	2	-	1	1	-	-	-	-	-	-	-	-
35. Suicide	9	-	-	-	-	-	-	-	1	4	1	3
	616	11	8	19	-	-	2	2	26	162	167	238

DEATHS OF CREWE INFANTS UNDER 1 YEAR OF AGE DURING 1958

CAUSE OF DEATH	Under 1 Day	1 Day	2 Days	3 Days	4 Days	5 Days	6 Days	7 Days	14 Days	21 - 28 Days	28 Days to 2 Months	2 Months	3 Months	4 Months	5 Months	6 Months	7 Months	8 Months	9 Months	10 Months	11 - 12 Months	ALL
TOTAL	6	-	1	3	-	-	-	-	1	-	1	1	1	1	1	-	1	-	1	1	1	19
Vascular Lesions of Nervous System	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Congenital Malformations	3	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-	1	-	-	1	-	8
Other Defined & Ill Defined Diseases	3	-	1	2	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	1	9
All Other Accidents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1

NOTIFIED INFECTIOUS DISEASES 1958. Civilian (Corrected in cases of revised diagnosis)

	Under 1 Year	1 - 2 Years	2 - 3 Years	3 - 4 Years	4 - 5 Years	5 - 10 Years	10 - 15 Years	15 - 20 Years	20 - 25 Years	25 - 35 Years	35 - 45 Years	45 - 65 Years	Over 65 Years	Total
Scarlet Fever	1	-	3	7	9	53	5	-	-	-	-	-	-	78
Whooping Cough	1	1	3	1	-	1	1	-	-	-	-	-	-	8
Measles	1	3	1	2	3	11	-	-	-	-	-	-	-	21
Pneumonia	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Dysentery	-	-	-	-	-	4	-	-	-	1	1	-	-	6
Erysipelas	-	-	-	-	-	-	-	-	-	-	1	1	-	2
Puerperal Pyrexia	-	-	-	-	-	-	-	1	-	2	-	-	-	3
TOTAL	3	4	7	10	12	69	6	1	-	3	-	3	1	119

TUBERCULOSIS

PARTICULARS OF NEW CASES OF TUBERCULOSIS AND ALL DEATHS FROM THE DISEASE DURING 1958

Age Period	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 Year	-	-	-	-	-	-	-	-
1 year - 4 years	-	-	-	-	-	-	-	-
5 years - 9 years	-	-	-	-	-	-	-	-
10 years - 14 years	-	1	-	-	-	-	-	-
15 years - 19 years	2	1	-	-	-	-	-	-
20 years - 24 years	1	1	-	-	-	-	-	-
25 years - 34 years	2	1	-	-	-	-	-	-
35 years - 44 years	3	1	-	-	1	1	-	-
45 years - 54 years	2	1	-	-	-	-	-	-
55 years - 64 years	3	1	-	-	1	-	-	-
65 +	1	-	-	-	1	-	-	-
Total	14	7	-	-	3	1	-	-

PARTICULARS OF NEW CASES AND DEATHS DURING THE LAST FIVE YEARS

Year	New Cases		Deaths	
	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary
1954	31	1	4	1
1955	26	4	3	-
1956	44	3	2	-
1957	17	5	9	-
1958	21	-	4	-

The following is a summary of the four quarterly returns which are rendered to the County Medical Officer and which indicate the number of cases remaining on the register at 31st December, 1958.

	<u>Pulmonary</u>		<u>Non-Pulmonary</u>	
	M.	F.	M.	F.
No. of cases on Register of Notifications on 1st January, 1958.	159	147	27	14
No. of cases notified for the first time during the year	14	7	-	-
No. of cases transferred from other districts	3	2	-	-
No. of cases restored to Register	-	2	-	-
No. of cases removed from Register during the year on account of having:-				
(a) Recovered	9	19	7	1
(b) Removed from district	8	8	1	-
(c) Died	5	1	-	1
(d) Diagnosis not established	-	-	-	-
(e) Lost sight of	3	2	-	-
No. of cases remaining on the Register on 31st December, 1958.	151	128	19	12

Of the 7 cases listed under (c) above, 3 died from Primary causes other than tuberculosis.

VACCINATION AND IMMUNISATION

Vaccination

The number of vaccinations reported to me during the year was 470 showing an increase of 143 on the figures for 1957.

	Under 1 year	1 year	2 - 4 years	5 - 14 years	15 years and over	Total
Primary Vaccination	256	17	19	26	145	463
Re-Vaccination	-	-	-	3	4	7
Totals	256	17	19	29	149	470

Immunisation

During the year cards received from Medical Practitioners showed that 359 children were immunised against diphtheria. In addition 127 children received a boosting dose to improve their immunity.

The corresponding figures for 1957 were 360 and 176.

NUMBER OF CHILDREN WHO HAD COMPLETED A FULL COURSE OF IMMUNISATION
BETWEEN 1st JANUARY, 1944, AND 31st DECEMBER, 1958.

(According to Health Department Records)

Age at 31.12.58. i.e. born in year	Under 1 Year (Born 1958)	1 Year (Born 1957)	2 Years (Born 1956)	3 Years (Born 1955)	4 Years (Born 1954)	5 - 9 years (Born 1949 - 1953)	10 - 14 Years (Born 1944 - 1948)	Total Under 15 Years
Last complete course of injections (Whether primary or booster A. 1954 - 1958	217	310	326	335	334	494	28	2,044
B. 1953 or earlier	-	-	-	-	-	1,749	2,636	4,385
TOTALS	217	310	326	335	334	2,243	2,664	6,429
Estimated child population 1958	3,925						8,789	

Estimated percentage of child population
immunised at 31st December, 1958.
(According to records held in the
Divisional Office).

Under
5 years

Between
5 - 15 years

39%

56%

No. of cases of diphtheria in children under
15 years of age notified during the year

-

-

Number of children who completed a course of inoculation with pertussis
vaccines, (including alumprecipitated vaccines and vaccines combined with
diphtheria prophylactic) during 1958.

Age at date of final injection			TOTAL
Under 1 year	1 - 4 years	5 - 14 years	
215	143	40	398

VACCINATION AGAINST POLIOMYELITIS

(According to Records received)

Class	Number vaccinated with 3rd (Booster) injection	Number vaccinated with 2 injections	Number awaiting vaccination at 31.12.58.
Children born in the years 1943 to 1958 and newly reaching six months of age during the year	883	5,867	841
Young persons born in years 1933 to 1942	-	26	-
Expectant Mothers	-	391	-
General Practitioners & families	-	10	-
Ambulance Staff and families	-	20	-
Hospital Staff, Medical Students & their families	21	25	-
Totals	904	6,339	841

MEDICAL EXAMINATIONS

During the year, 111 persons were medically examined. Of these 58 were examined in conjunction with the Corporation's Superannuation and Sickness Pay Schemes, 49 were County Staff or persons seeking entry to a Training College, and 4 were of persons applying for a Taxi Driver's Licence.

MORTUARY

During the year 76 bodies were taken to the Mortuary and 72 Post Mortem examinations were carried out.

MORAL WELFARE

I am indebted to the Secretary of the Crewe and District Committee for Prevention and Rescue work which deals with moral welfare in Crewe and the surrounding area, and also maintains the St. Hilda's Home, 71, West Street, Crewe, for the following information:-

During the year there have been 30 girls and 25 babies in St. Hilda's Home, and over 60 outdoor cases have been advised and helped in various ways.

Of the 30 girls received into the Home, 7 went straight into employment, 3 left to be married, 16 returned to their families, and 4 went on to other Homes. 9 babies went home with their mothers, 1 went to the Church of England Children's Society and 14 were adopted. One baby was stillborn.

Of the outdoor cases assisted, 27 girls went to Maternity Homes away from Crewe.

WATER SUPPLY

In addition to the samples taken by the Chief Public Health Inspector's staff, 27 samples of filtered water were taken by the Mid. & South East Cheshire Water Board, and all but 1 of these were found to be satisfactory.

NATIONAL ASSISTANCE ACT, 1948 - Section 47

No case was dealt with during 1958.

FOOD POISONING

No case of food poisoning was notified during the year.

ANNUAL REPORT OF THE
CHIEF PUBLIC HEALTH INSPECTOR
FOR THE YEAR ENDED
31ST DECEMBER 1958

Chief Public Health Inspector's Department,
Municipal Offices,
C R E W E.

1st July, 1959.

To the Mayor, Aldermen and Councillors
of the Borough of Crewe.

Mr. Mayor, Ladies and Gentlemen,

I have pleasure in submitting my eleventh annual report on the work of the public health inspectorate.

The year under review has been a busy one from many points of view, some 762 complaints having been investigated and 11,624 inspections carried out.

In May 1955 a five year slum clearance programme for dealing with some 328 unfit properties was approved by the Council and the Ministry. I am pleased to report that by the end of the year this programme had been virtually completed so far as the Department was concerned. In addition a further survey of unfit properties was carried out and a second five year scheme formulated (429 houses). This programme has since been approved by the Ministry and work has already begun on this project.

In connection with improvement and conversion grants, I have to report 23 applications were received and approved, the same number as in the previous year. In all, some 109 applications have been submitted and 103 approved for fifty per cent grant, and by the year end improvement works had been completed to 87 dwellings. The total expenditure ranking for grant was £16,943, the expenditure on works not ranking for grant £5,124, and the average grant per house £78. Whilst the scheme for improvement and conversion has not met with overwhelming success, steady progress has been made and as a result eventually over 100 dwellings will have been brought up to a good standard of repair and provided with all the modern amenities so essential in every house today.

In last year's report reference was made to the implications of the Clean Air Act 1956, and in the latter part of the year a preliminary survey was made in order to assess the practicability of establishing one or more smoke control areas in the Borough. At the close of the year investigations were still not complete. Whilst the degree of air pollution in Crewe (12.98 tons per square mile per month) is less than

exists in some industrial towns and less than the national average deposit of 18.31 tons per square mile per month, it is sufficient to warrant implementation of the Clean Air Act 1956. It is an established fact that nearly half of all the smoke in the air comes from the domestic chimneys and it therefore follows that a substantial reduction in atmospheric pollution can be brought about by the operation of smoke control areas.

In regard to the investigations in atmospheric pollution, I would like to take this opportunity of thanking the area Chemist of British Railways (Midland Region), R. Emrys Jones, Esq., A.M.C.T., F.R.I.C., and his staff, for their valued assistance and co-operation.

In conclusion, I wish to express my thanks to His Worship the Mayor, the Chairman and members of the Health Committee, members of the staff and other chief officers and their staffs for their co-operation.

I have the honour to be,

Your obedient servant,

J. GASKELL

Chief Public Health Inspector

SANITARY CIRCUMSTANCES OF THE AREA

PUBLIC CLEANSING

The removal of household and trade refuse is based on a weekly collection service and with the exception of holiday periods, this frequency of collection was maintained generally throughout the Borough.

The Cleansing Department operates a Refuse Disposal Plant, a Kitchen Waste Processing Plant and has a separate Garage and Workshop.

Twelve vehicles (including one spare vehicle) are employed on the collection of household and trade refuse and nightsoil, in addition to three vehicles used in connection with refuse disposal.

Household refuse collected	..	..	13,011	
Trade refuse collected	..	..	1,010	
				<hr/>
Total refuse collected by the				
Department during the year	..	..	14,021	tons
				<hr/>

2,287 tons of shop and factory refuse were also brought to the Refuse Disposal Works for disposal, making a total of 16,308 tons of refuse dealt with during the year. 60.2% of the total refuse passed through the works while the remainder was disposed of by controlled tipping.

The estimated amount of nightsoil collected during the year was 156 tons.

A separate Annual Report is issued for the Public Cleansing services in the Borough.

SANITARY ACCOMMODATION

The following table shows the number of closets other than water closets in the Borough at the end of the year.

Waste Water Closets	..	..	..	..	667
Pail Closets	..	..	..	..	188

During the year six sets of water closet fittings were issued for the conversion of waste water closets and privy pails to water closets.

WATER SUPPLY

The water supply to the district is provided by the Mid. and South East Cheshire Water Board.

During the year twelve samples of water were submitted for bacteriological examination and chemical examination. All samples except one were satisfactory. In the case of the unsatisfactory sample, it was thought that there had been some external contamination of the sampling equipment and further samples from the same source proved satisfactory.

NUMBER AND NATURE OF COMPLAINTS

The Department received 762 complaints during the year from householders, shopkeepers, and others relating to numerous matters, as set out in the table below.

NATURE OF COMPLAINT

Disrepair - General	..	..	..	..	..	..	49
Defective fireplaces	..	..	..	..	..	..	12
Defective windows	..	..	..	..	..	..	5
Defective chimneys	..	..	..	..	..	..	7
Defective doors	..	..	..	..	..	..	2
Defective plasterwork	..	..	..	..	..	..	2
Defective floors	..	..	..	..	..	..	2
Defective roofs	..	..	..	..	..	..	31
Defective eaves gutters and pipes	..	..	..	..	..	..	33
Burst water pipes	..	..	..	..	..	..	5
Dampness	..	..	..	..	..	..	15
Defective water closets	..	..	..	..	..	..	71
Choked drains	..	..	..	..	..	..	181
Flooding	..	..	..	..	..	..	17
Defective dustbins	..	..	..	..	..	..	3
Accumulations	..	..	..	..	..	..	7
Dirty premises	..	..	..	..	..	..	6
Vermin	..	..	..	..	..	..	8
Beetles and cockroaches	..	..	..	..	..	..	20
Ants	..	..	..	..	..	..	25
Rats	..	..	..	..	..	..	161
Mice	..	..	..	..	..	..	54
Foul and obnoxious odours	..	..	..	..	..	..	13
Smoke nuisances	..	..	..	..	..	..	11
Ditches and watercourses	1
Paving of yards and passages	3
Miscellaneous	18

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INSPECTIONS

Nature of Inspections made	Num- ber	No. of Notices served		Result of Notices served.		Prosec- utions	
		Inf.	Stat.	Notices complied with	Remain- ing in hand	Inst.	Pend.
1. Dwelling Houses (P.H.Act) ..	437	240	65	225	80	1	-
2. Dwelling Houses (Hsg.Act) ..	1324	-	-	-	-	-	-
3. Improvement Grants	340	-	-	-	-	-	-
4. Rent Act Certificates	196	-	-	-	-	-	-
5. Back to Back Houses	-	-	-	-	-	-	-
6. Verminous Houses	234	-	-	-	-	-	-
7. Tents, Vans & Sheds	69	-	-	-	-	-	-
8. Ashpails	746	505	26	528	3	-	-
9. Yards and Passages	54	4	-	4	-	-	-
10. House drains	1889	-	449	449	-	-	-
11. Ditches and Watercourses ..	166	1	-	1	-	-	-
12. Offensive Accumulations ..	41	-	-	-	-	-	-
13. Keeping of Animals	24	-	-	-	-	-	-
14. Offensive Trades	16	-	-	-	-	-	-
15. (a) Slaughterhouses	798	12	-	12	-	-	-
(b) Other places where food is prepared or sold ..	1533	20	-	10	10	-	-
16. Bakehouses	24	4	-	3	1	-	-
17. Dairies and Milkshops	70	-	-	-	-	-	-
18. Factories (with mech. power)	279	7	-	6	1	-	-
Factories (with no mech.power)	2	1	-	1	-	-	-
19. Workplaces	3	-	-	-	-	-	-
Outworkers	2	-	-	-	-	-	-
20. Common Lodging Houses	55	-	-	-	-	-	-
21. Shops under Shops Act	53	-	-	-	-	2	-
22. Smoke observations	109	3	-	3	-	-	-
23. Infectious Diseases - (Enquiries and Revisits) ..	103	-	-	-	-	-	-
24. Houses re. Overcrowding ..	22	-	-	-	-	-	-
25. Milk Samples - (Bacteriological Exam.) ..	263	-	-	-	-	-	-
26. Ice Cream Samples	63	-	-	-	-	-	-
27. Water Samples	19	-	-	-	-	-	-
28. Food and Drugs Act (including samples)	300	-	-	-	-	2	-
29. Applicants for Corporation houses	267	-	-	-	-	-	-
30. Rodent Control	185	-	-	-	-	-	-
31. Miscellaneous	708	-	-	-	-	9	-
32. Reinspections	1230	-	-	-	-	-	-
TOTALS	11624	797	540	1242	95	14	-

INFECTIOUS DISEASE AND DISINFECTION

Disinfection of premises is carried out by formaldehyde spray or formalin vapour generators. Infected bedding and other articles are disinfected by steam or formalin as the circumstances demand.

Number of premises visited where a notifiable disease has occurred	82
Number of rooms disinfected	8
Number of cases where bedding, etc., was disinfected by steam at request of owners	21
Number of Library Books disinfected -	
(a) from Public Library	76
(b) from Private Libraries	20 .. 96

During the year, 19 bottles of disinfecting fluid, amounting to $2\frac{1}{2}$ gallons, were supplied free of charge for use at premises where cases of infectious disease had occurred.

DISINFESTATION

The following table shows the number of premises treated during 1958.

	Number found to be infested		Number of Premises Disinfested
	Premises	Rooms	
Council Houses	1	2	1
Other Houses	11	36	11
Cases confirmed after complaint of infestation	1	-	-
Cases found by Public Health Inspectors	11	-	-
Houses disinfested by Corporation ..	-	-	12
Houses disinfested by Contractors ..	-	-	-

The work of disinfestation was carried out by the use of D.D.T. and patent fumigant solutions.

In addition to the premises listed above, 25 houses were treated for infestations of beetles and 25 houses for ants.

SWIMMING BATHS

The only Public Swimming Baths in the Borough are owned by the Corporation and contain two swimming pools, slipper or private wash baths and various other amenities.

During the year seven samples of bath water were submitted for bacteriological and chemical examination, and six samples were satisfactory but one sample was unsatisfactory.

OFFENSIVE TRADES

The following offensive trades are carried on in the Borough.

Rag and Bone Dealers	..	..	..	3
Gut Scrapers	..	..	..	1
Bone Boiler and Fat Extractor	..			1

In addition to the above, 28 persons are registered as Dealers in Old Metal.

RAG FLOCK

Number of licensed premises used for the manufacture of, or storage of Rag Flock	7.	-
--	----	----	----	----	----	---

Number of registered premises where filling materials are used	2
--	----	----	----	----	----	----	---

COMMON LODGING HOUSES

There are two Common Lodging Houses in the Borough situated at 175 and 177 Market Street, and the following table shows the number of beds available at each house.

Situation					No. of Beds	Accommodation available for
(1)	175 Market Street	..	..	..	10	Male and Female
(2)	177 Market Street	..	..	..	26	Male
Total number of beds					36	

The number of persons who used the lodging houses during the year is given below with comparative figures for the two preceding years.

				<u>Adults</u>		<u>Children</u>	
				<u>Males</u>	<u>Females</u>	<u>Males</u>	<u>Females</u>
1958	..	..	..	7,100	1,225	-	-
1957	..	..	..	7,910	876	-	-
1956	..	..	..	6,909	1,226	-	-

HOUSING STATISTICS

Number of New Houses erected during the year:

(1)	By the Local Authority	112
(2)	By other authorities	Nil
(3)	By other bodies or persons	48

1. Inspection of Dwelling Houses during the year:

(1)	(a)	Total number of houses inspected for housing defects (under Public Health Act or Housing Act) -			
	(i)	General Inspections	240		
	(ii)	Slum Clearance - First Five Year Programme	84		
	(iii)	Survey for Second Five Year Slum Clearance Programme	669		
		Total	993		
	(b)	Number of inspections made for the purpose -			
	(i)	General inspections	437		
	(ii)	Slum Clearance - First Five Year Programme	158		
	(iii)	Survey for second Five Year Slum Clearance Programme	1,166		
		Total	1,761		
(2)	(a)	Number of dwelling houses (included under the sub-heading (1) above) which were inspected and recorded under the Housing Consolidation Regulations, 1925 -			
	(i)	General inspections	Nil		
	(ii)	Slum Clearance - First Five Year Programme	84		
	(iii)	Survey for second Five Year Slum Clearance Programme	429		
		Total	513		
	(b)	Number of inspections made for the purpose -			
	(i)	General inspections	Nil		
	(ii)	Slum Clearance - First Five Year Programme	158		
	(iii)	Survey for second Five Year Slum Clearance Programme	906		
		Total	1,064		

Housing Statistics, cont.

- (3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for habitation -
- | | | | | | |
|-------|--|----|----|-----|-----|
| (i) | General inspections | .. | .. | .. | Nil |
| (ii) | Slum Clearance - First Five Year Programme | .. | .. | .. | 84 |
| (iii) | Survey for Second Five Year Slum Clearance Programme | .. | .. | 429 | |
| | Total | .. | .. | 513 | |
- (4) Number of dwelling houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respect reasonably fit for human habitation -
- | | | | |
|-------|----|----|-----|
| Total | .. | .. | 240 |
|-------|----|----|-----|

2. Remedy of Defects during the year without service of Formal Notices

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers 183

3. Action under Statutory Powers during the Year

- (a) Proceedings under Sections 9 and 10 of the Housing Act 1957 -
- (1) Number of dwelling houses in respect of which notices were served requiring repairs Nil
- (2) Number of dwelling houses which were rendered fit after service of formal notices -
- | | | | | | | | | |
|-----|---|----|----|----|----|----|----|-----|
| (a) | By owners | .. | .. | .. | .. | .. | .. | Nil |
| (b) | By Local Authority in default of owners | .. | .. | .. | .. | .. | .. | Nil |
- (b) Proceedings under Public Health Acts -
- (1) Number of dwelling houses in respect of which notices were served requiring defect to be remedied 65

Housing Statistics, cont.

3. (b) Proceedings under Public Health Acts -

(2) Number of dwelling houses in which defects were remedied after service of formal notices -

(a) By owners 40

(b) By Local Authority in default of owners 2

(c) Proceedings under Sections 16 and 17 of the Housing Act 1957 -

(1) Number of dwelling houses in respect of which demolition orders were made 8

(2) Number of dwelling houses demolished in pursuance of demolition orders 14

(3) Number of undertakings to carry out works in lieu of demolition accepted by the Council 1

(4) Number of undertakings to carry out works in lieu of demolition accepted by the Council -

4. Housing Act 1957 - Part IV - Overcrowding

(a) (1) Number of dwellings overcrowded at the end of the year 5

(2) Number of families dwelling therein 6

(3) Number of persons dwelling therein 46

(b) Number of new cases of overcrowding reported during the year 2

(c) (1) Number of cases of overcrowding relieved during the year 1

(2) Number of persons concerned in such cases 13

(d) Particulars of any cases in which dwelling houses have again become overcrowded after the local authority have taken steps for the abatement of overcrowding Nil

HOUSING CLEARANCE PROGRAMME

The following table shows the progress made since 1955 to the end of the year with the Slum Clearance Programme. The necessary procedure had been commenced in respect of all the houses included in the First Five Year Programme which was approved in 1955.

Description of Property	No. of houses in Area	Date of Representation Report	Date of Confirmation of Order	No. of families rehoused 3/11/55 - 31/12/58	No. of houses demolished to 31/12/58
1. CLEARANCE AREA:					
West Ward No. 2 (Naylor Street) Compulsory Purchase Order 1956	87	5/6/56	5/4/57	78	87
West Ward No. 3 (Stafford Street) Clearance Order 1957	8	5/6/56	19/6/57	7	8
Central Ward No. 4 (Foundry Street) Clearance Order 1957	15	4/6/57	11/3/58	13	15
North Ward No. 8 (Earle Street) Clearance Order 1957	7	4/6/57	19/11/57	7	7
North Ward No. 9 (Martin Street) Clearance Order 1957	15	13/8/57	8/7/57	13	-
South Ward No. 2 (Railway Street) Clearance Order 1957	18	13/8/57	22/9/58	5	-
West Ward No. 4 (Stafford Street and Henshaw Street) Clearance order 1958	10	4/6/58	-	-	-
c/f	160	-	-	123	117

HOUSING CLEARANCE PROGRAMME, cont.

Description of Property	No. of houses in Area	Date of Representation Report	Date of Confirmation of Order	No. of families rehoused 3/11/55 - 31/12/58	No. of houses demolished to 31/12/58
<u>Clearance areas, cont.</u>	160	-	-	123	117
b/f South Ward No. 3 (Mill Street) Clearance Order 1958	6	12/8/58	-	-	-
Central Ward No. 5 (Lockitt Street) Clearance Order 1958	15	12/8/58	-	-	-
North Ward No. 10 (Davenport Street) Clearance Order 1958	14	12/8/58	-	-	-
North Ward No. 11 (Broad Street) Clearance order 1958	12	12/8/58	-	-	-
North Ward No. 12 (Broughton Road) Clearance Order 1958	3	12/8/58	-	-	-
North Ward No. 13 (Sydney Road) Clearance Order 1958	2	7/10/58	-	-	-
2. <u>AREAS DEALT WITH INFORMALLY WITH THE APPROVAL OF THE MINISTRY OF HOUSING AND LOCAL GOVERNMENT</u> Park Place	67	19/4/56	9/7/57	65	67
c/f	279	-	-	188	184

HOUSING CLEARANCE PROGRAMME, cont.

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Description of Property	No. of houses in Area	Date of Representation Report	Date of Confirmation of Order	No. of families rehoused 3/11/55 - 31/12/58	No. of houses demolished to 31/12/58
3. <u>b/f</u> <u>HOUSES BELONGING TO THE CORPORATION AND DEMOLISHED WITH APPROVAL OF THE MINISTRY OF HOUSING AND LOCAL GOVERNMENT</u>	279	-	-	188	184
During 1954 During 1956 During 1958	6 3 4	- - -	- - -	3 2 -	6 3 -
4. <u>HOUSES DEALT WITH BY INDIVIDUAL DEMOLITION OR CLOSING</u>					
(a) <u>Demolition Orders:</u> During 1955 During 1956 During 1957 During 1958	1 4 9 11	- - - -	- - - -	1 3 6 4	1 4 9 2
(b) <u>Closing Orders:</u> During 1955 During 1956	1 1	- -	- -	1 -	- -
TOTALS	319	-	-	208	209

IMPROVEMENT GRANTS

1.	Number of applications received to 31st December 1957	..	..	..	86
	Number of applications received during the year	..	..	..	23
	Total applications received to 31st December 1958	..	..	..	109
2.	Number of applications approved to 31st December 1957	..	..	..	85
	Number of applications approved during the year	..	..	..	23
	Total applications approved to 31st December 1958	..	..	..	108
3.	Number of applications withdrawn to 31st December 1957	..	..	..	5
	Number of applications withdrawn during the year	..	..	..	1
	Total applications withdrawn to 31st December 1958	..	..	..	6
4.	Number of cases where work was completed by 31st December 1957	..			74
	Number of cases where work was completed during the year	..	..		13
	Total number of cases where work was completed by 31st December 1958				87
5.	Expenditure ranking for grant approved to 31st December 1957	..	..	..	£13,232 14s. 3d.
	Expenditure ranking for grant approved during the year	..	..	..	3,710 8s. 9d.
	Total expenditure ranking for grant approved to 31st December 1958	..	..	..	£16,943 3s. 0d.
6.	Expenditure on works and repairs not ranking for grant in cases approved to 31st December 1957	..	..	..	£3,387 1s. 0d.
	Expenditure on works and repairs not ranking for grant in cases approved during the year	..	..	..	1,737 9s. 7d.
	Total expenditure on works and repairs not ranking for grant in cases approved to 31st December 1958	..	..	..	£5,124 10s. 7d.
7.	Average grant per house	..	..	..	£78 9s. 0d.

NOTE:- The above expenditure figures include the figures in respect of the applications approved but later withdrawn.

CERTIFICATES OF DISREPAIR

Rent Act 1957

Part I - Applications for Certificates of Disrepair

Number of applications for certificates	..	..	..	..	..	65
Number of decisions not to issue certificates	..	..	..	..	..	Nil
Number of decisions to issue certificates -						
(a) in respect of some but not all defects	..	..	..	..	..	41
(b) in respect of all defects	..	..	..	..	..	24
Number of undertakings given by landlords under						
paragraph 5 of the first schedule	..	..	..	..	..	32
Number of undertakings refused by Local Authority						
under proviso to paragraph 5 of the First Schedule	..	..	..	..	..	Nil
Number of certificates issued	..	..	..	..	..	37

Part II - Applications for Cancellation of Certificates

Applications by landlords to Local Authority for									
cancellation of certificates	..	..	..	..	..	..	..	7	
Objections by tenants to cancellation of certificates	..	..	1						
Decisions by Local Authority to cancel in spite of									
tenants' objections	..	..	..	..	..	..	..	..	Nil
Certificates cancelled by Local Authority	..	..	..	..	6				

FACTORIES ACT 1937

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Particulars	Number on Register	Inspections	Number of Written Notices	Number of Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities.	52	3	1	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	204	258	7	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises).	15	21	-	-
TOTAL	271	282	8	-

2. CASES in which defects were found.

Particulars	Number of cases in which defects were found			
	Found	Remedied	Referred to H. M. Inspector	Referred by H. M. Inspector
Want of Cleanliness (S.1.)	-	-	-	-
Sanitary Conveniences (S.7)				
(a) Insufficient	-	-	-	-
(b) Unsuitable or defective	7	6	-	7
(c) Not separate for sexes	1	1	-	1
TOTAL	8	7	-	8

3. OUTWORKERS. List required by Section 110 received relating to 52 outworkers all engaged in making wearing apparel.

RODENT CONTROL

The Corporation employ two full-time rodent operators and the extermination methods employed are poisoning, gassing and trapping. The following table summarises the work carried out:-

	Type of Property				Total
	Local Auth.	Dwell. Hses.	Agric. Prop.	Bus. Prens.	
<u>NUMBER OF PROPERTIES INSPECTED:</u>					
(1) Primary Inspections:					
(a) as a result of notification	6	166	-	22	194
(b) otherwise	-	136	9	1	146
(2) Reinspections:					
(a) as a result of notification	11	35	-	17	63
(b) otherwise	-	35	-	2	37
Total properties inspected ..	17	372	9	42	440
<u>NUMBER OF PROPERTIES FOUND TO BE INFESTED BY RATS</u>					
(1) On primary inspections:					
(a) Major	-	-	-	-	-
(b) Minor	5	227	-	7	239
(2) As reinfestations:					
(a) Major	3	-	-	1	4
(b) Minor	5	62	-	7	74
<u>NUMBER OF PROPERTIES FOUND TO BE INFESTED BY MICE</u>					
(1) On primary inspections	1	56	-	14	71
(2) On reinspections	3	6	-	11	20
Total infestations found ..	17	351	-	40	408
<u>NUMBER OF INFESTED PROPERTIES TREATED BY LOCAL AUTHORITY</u>					
(1) Primary treatments:					
(a) for rats	8	266	-	11	285
(b) for mice	3	58	-	19	80
(2) Treatments for reinfestation:					
(a) for rats	6	53	-	8	67
(b) for mice	1	9	-	11	21
Total treatments	18	386	-	49	453

NOTE: A treatment means a complete treatment for the destruction of rats and mice and includes not only the initial treatment, but when necessary, post-baiting and follow-up treatment.

RODENT CONTROL, cont.

Following the treatments carried out, 1,056 rats and 553 mice were picked up, whilst the estimated kill was 3,456 rats and 919 mice.

During the year the rodent operators paid 5,837 visits in connection with the inspection and treatment of premises.

Two maintenance treatments of the sewers were also carried out. 805 manholes were baited, 406 takes of poison bait were recorded showing an estimated kill of 962 rats.

PET ANIMALS ACT 1951

There are four premises in the Borough, licensed for the sale of pet animals. All these premises comply with the recommended conditions of the Royal Society for the Prevention of Cruelty to Animals, which were adopted by the Council.

INSPECTION AND SUPERVISION OF FOOD

FOOD HYGIENE

As in previous years regular supervision of food shops was maintained and 2,425 visits were made for this purpose. In general an increased interest is being displayed by the public in food hygiene and food traders are becoming increasingly aware of its importance.

All plans of food premises submitted to the Borough Engineer are scrutinised for compliance with the various Acts and Regulations and where amendments are necessary the owner or architect is advised and corrections made before submission to the appropriate Committees. This system has worked very well indeed and architects and others have co-operated fully with the Department.

During 1957, a special report on the application of the Food Hygiene Regulations 1955 to the Corporation owned Market Hall was submitted to the Market, Farms and Estates Committee. The report was accepted in principle and as a result, during 1958, additional sinks and wash hand basins with hot and cold water over were provided.

The following is a list of the various types of food premises in the Borough.

Number and type of food premises

Premises requiring registration

For the manufacture of Ice Cream	2
For the storage and sale of Ice Cream	183
For the preparation and manufacture of sausages or pressed, potted or preserved meat, etc.	39
Dairies	11

Other premises

Fried Fish Shops	47
Wet Fish Shops	10
Bakehouses	19
Butchers Shops	58
Tripe Shops	1
Restaurants, Cafes, etc.	28
School Canteens	23
Factory Canteens	16
Licensed premises -	
Full licences	52
Beer licences	18
Clubs	28
Off licences	19
Grocery and Confectionery Shops	243
Greengrocery	62
Health Food Stores and Herbalists	3
Sweet Shops	40
Slaughterhouses	3

MILK

Distributors of Milk

Registered distributors of milk	..	..	..	..	..	..	..	203
Registered dairies	..	..	..	..	..	..	..	11

Designated Milk

Tuberculin Tested milk -

Dealer's licences	..	..	..	..	..	..	..	37
Dealer's supplementary licences	..	..	..	..	..	..	..	7

Pasteurised milk -

Establishments at which milk is pasteurised -

Holder Process	..	..	..	..	..	..	..	1
H.T.S.T. Process	..	..	..	..	..	..	..	1

Dealer's licences	..	..	..	..	..	..	..	46
Dealers Supplementary licences	..	..	..	..	..	..	..	7

Sterilised Milk

Dealer's licences	..	..	..	..	..	..	..	129
Dealer's Supplementary licences	..	..	..	..	..	..	..	3

MILK SAMPLING

During the year 133 samples of designated milks were taken for bacteriological examination and the following table provides details of the results.

No. of Samples	Description of milk	Methylene Blue Test		Phosphatase Test		Turbidity Test	
		Passed	Failed	Passed	Failed	Passed	Failed
35	Tuberculin Tested (Pasteurised)	35	-	35	-	-	-
3	Tuberculin Tested	1	2	-	-	-	-
86	Pasteurised	86	-	86	-	-	-
9	Sterilised	-	-	-	-	9	-
133	TOTALS	122	2	121	-	9	-

The following table shows the average fat and solids-not-Fat contents of milk samples taken under the Food and Drugs Act 1955.

SUMMARY OF CHEMICAL ANALYSES OF MILK SAMPLES

PERIOD	No. of samples examined	Averages	
		Milk Fat. %	Solids-not-Fat %
Quarter ended 31st March, 1958	10	3.55	8.74
Quarter ended 30th June, 1958	11	3.44	8.56
Quarter ended 30th September, 1958	10	3.43	8.66
Quarter ended 31st December, 1958	12	3.96	8.64
YEAR 1958	43	3.61	8.65

During the year, 44 samples of milk were taken from producers in the Borough and submitted to examination for tuberculosis. 43 samples proved negative but one sample gave a positive result. Immediate notification of this case was made to the Divisional Veterinary Inspector. An affected animal was discovered in the herd and slaughtered. Further samples then proved negative.

ICE CREAM

Ice cream was manufactured at two premises in the Borough in 1958, while 183 premises were registered for the storage and sale of ice cream. A complete cold mix is used at both manufacturing premises in the Borough.

35 samples of ice cream were submitted for bacteriological examination and the results of the examination are shown below.

Ice Cream	Methylene Blue Test Grading				Total
	Grade 1	Grade 2	Grade 3	Grade 4	
Samples taken at Manufacturing Premises ..	1	-	1	-	2
Samples taken from Retailers in the Borough	32	1	-	-	33
TOTALS	33	1	1	-	35

ICE CREAM, cont.

Six samples of ice cream were taken under the Food and Drugs Act, for chemical analysis. The average fat content of these samples was 10.95%, and the average total solid matter was 36.18%.

SLAUGHTERHOUSES

During 1958, there were three private slaughterhouses licensed in the Borough.

There are no slaughterhouses in the Borough licensed for the slaughter of horses.

MEAT INSPECTION

The following tables show the types of animals slaughtered and inspected with particulars of the diseases found necessitating complete or partial condemnation.

Number of animals slaughtered during the past five years

Year	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Totals
1958	2,399	105	67	7,029	4,540	14,140
1957	2,420	98	125	7,223	4,190	14,056
1956	2,004	361	124	7,396	4,209	14,094
1955	1,398	616	99	7,246	5,195	14,554
1954	1,230	1,080	744	10,241	4,413	17,708

CARCASES INSPECTED AND CONDEMNED

	Cattle (excl. cows)	Cows	Calves	Sheep and Lambs	Pigs	Horses	Totals
Number killed	2,399	105	67	7,029	4,540	-	14,140
Number inspected	2,399	105	67	7,029	4,540	-	14,140
<u>ALL DISEASES EXCEPT TUBERCULOSIS</u>							
Whole carcasses condemned	2	3	2	4	5	-	16
Carcases of which some part or organ was condemned	860	46	-	569	286	-	1,761
Percentage of the number inspected infected with disease other than tuberculosis	35.93%	46.67%	2.99%	8.15%	6.41%	-	12.57%
<u>TUBERCULOSIS ONLY</u>							
Whole carcasses condemned	5	-	-	-	1	-	6
Carcases of which some part or organ was condemned	123	12	-	-	134	-	269
Percentage of the number inspected infected with tuberculosis	5.33%	11.43%	-	-	2.98%	-	1.95%
<u>CYSTICERCOSIS</u>							
Carcases of which some part or organ was condemned	23	1	-	-	-	-	24
Carcases submitted to treatment by refrigeration	23	1	-	-	-	-	24
Generalised and totally condemned ..	-	-	-	-	-	-	-

DISEASE	WEIGHT, IN LBS. OF MEAT AND OTHER FOODS CONDEMNED										
	Beef	Veal	Mutton	Pork	Fish	Chicken	Cheese	Sausage	Tinned Foods	Miscellaneous	Totals
Tuberculosis	6,405	40	-	2,735	-	-	-	-	-	-	9,180
Parasites and Cysts -	921	-	303	-	-	-	-	-	-	-	1,224
Cestodes	65	-	14	253	-	-	-	-	-	-	332
Nematodes	8,042	-	745	29	-	-	-	-	-	-	8,816
Trematodes	1,392	-	-	104	-	-	-	-	-	-	1,496
Abscesses	404	-	-	371	-	-	-	-	-	-	775
Inflammation	175	-	-	-	-	-	-	-	-	-	175
Actinomycosis	29	-	52	30	-	-	-	-	-	-	111
Peritonitis	450	-	-	165	-	-	-	-	-	-	615
Septicaemia	30	-	-	341	-	-	-	-	-	-	371
Pneumonia	74	-	-	-	-	-	-	-	-	-	74
Angioma	484	-	-	-	-	-	-	-	-	-	484
Traumatism	526	-	-	150	-	-	-	-	-	-	676
Toxaemia	485	-	-	-	-	-	-	-	-	-	485
Dropsy	160	-	-	84	-	-	-	-	-	-	244
Pleurisy	-	20	-	-	-	-	-	-	-	-	20
Immaturity	-	60	50	135	-	-	-	-	-	-	245
Moribund	-	-	40	-	-	-	-	-	-	-	40
Fever	-	-	-	40	-	-	-	-	-	-	40
Pericarditis	-	-	-	26	-	-	-	-	-	-	26
Cirrhosis	-	-	-	160	-	-	-	-	-	-	160
Pyæmia	350	-	-	-	40	9	58	13	3,532	394	4,396
Decomposition	-	-	-	-	-	-	-	-	-	-	-
TOTALS	19,992	120	1,204	4,623	40	9	58	13	3,532	394	29,985

TOTAL WEIGHT 29,985 LBS.

CONDEMNED FOOD

The condemned meat and offal from the licensed slaughterhouses and other condemned food was disposed of either by processing into animal feeding stuffs at the Cleansing Department's Kitchen Waste Processing Plant, or by burning or burial at the Refuse Disposal Works.

SLAUGHTER OF ANIMALS ACTS 1933-1954

The number of slaughtermen's licences issued in 1958 was 33.

CYSTICERCUS BOVIS

The routine inspection of all bovine carcasses is carried out for the presence of cysticercus bovis. The organs of 24 carcasses were found to be affected during the year and arrangements were made for the carcasses to be placed in cold store for a period of three weeks in accordance with approved policy.

KNACKER'S YARDS

There are two Knacker's yards in the Borough. Neither of these premises is licensed for the slaughter of horses.

FOOD AND DRUGS ACT 1955

During the year 51 formal and 140 informal samples were submitted to the Public Analyst for analysis.

Nature of sample	No. of samples		Number of samples adulterated or not genuine
	Informal	Formal	
Milk	4	39	1
Meat and Meat Products	31	-	1
Fish and Fish Products	11	-	1
General Groceries	51	-	1
Preserves	6	-	1
Ice Cream	6	-	-
Confectionery	21	-	1
Beers and Spirits	-	12	-
Cordials	4	-	-
Medicines	6	-	-
	140	51	6
	191		

FOOD AND DRUGS ACT 1955, cont.

The table below shows details of the samples found not to be genuine and of the relative action taken.

Sample Number	Article	Adulteration or other irregularity	Action taken
1566 Informal	Red Salmon	Incorrectly labelled	Reported by Public Analyst to the Ministry of Agriculture, Fisheries and Food.
1605 Formal	Milk	Naturally deficient in non fatty solids	Notified to County Milk Production Officer.
1616 Informal	Butter	Peculiar taste derived from storage near other food stuffs.	Consignment withdrawn from sale and returned to suppliers.
1650 Informal	Cream Slices	Filling resembles cream but is not cream.	Retailer notified that such cakes must be suitably labelled.
1662 Formal	Meat and Potato Pie	Contained portions of zinc oxide plaster and bandage.	Manufacturer prosecuted and fined £10 and costs.
1721 Informal	Marmalade	Contained extraneous matter, viz., jute fibres.	Vendor cautioned.

ATMOSPHERIC POLLUTION

In the latter part of the year the Health Committee gave preliminary consideration to principle of establishing one or more smoke control areas in the Borough and it was decided to call for a more detailed report with a view to one or more such orders coming into operation in 1960. The report had not been submitted at the close of the year.

During the year 109 smoke observations were taken and arising from these, three informal notices were served. All notices were complied with.

Three applications were received for "prior approval" under Section 3 of the Clean Air Act 1956, and three notifications were received of "intention to install" a furnace. The Health Committee approved of all the applications for the purpose of Section 3.

In 1949, in co-operation with the Department of Scientific and Industrial Research, the department commenced for the first time to measure the degree of air pollution in the Borough. Four standard deposit gauges and four lead peroxide instruments are now in operation at different sites. The deposit gauges are used to collect deposits of ash, grit and other solid particles and from this is calculated the amount of matter deposited in tons per square mile. The lead peroxide instruments are used to calculate the amount of sulphur dioxide present in the atmosphere. The analyses of the readings are shown in the appended tables and graphs.

Situation	1954	1955	1956	1957	1958	Monthly Average 1954-- 1958
Ashbank Co-op. Stores	13.81	14.62	15.92	15.23	14.30	14.28
Imperial Chambers	16.42	15.14	18.59	16.77	17.26	16.86
Sewage Works	7.49	9.73	9.85	8.05	8.41	8.70
Elm Drive	10.67	10.25	12.63	10.84	10.68	11.01
MONTHLY AVERAGE	12.10	12.43	14.25	12.72	12.66	12.71

(NOTE: Above figures for calendar year)

ATMOSPHERIC POLLUTION, cont.

The table below sets out for comparative purposes the national and Crewe Borough recordings of deposited matter for the periods 1949-1954, 1954-1955 and 1955-1956.

PERIOD	NATIONAL			CREWE
	DEPOSITS IN TONS PER SQUARE MILE PER MONTH			
	HIGH	AVERAGE	LOW	AVERAGE
1949 - 1954	69.61	18.20	6.25	13.10
1954 - 1955	97.66	18.29	5.82	12.22
1955 - 1956	104.98	18.28	5.00	13.16
MONTHLY AVERAGE, 1949 - 1956	78.67	18.31	6.01	12.98

(NOTE: Above figures for financial year)

'High' values are for the six sites at which the greatest deposits for the whole year were observed - Billingham (3), Port Talbot, Easton, Chesterfield.

'Average' values refer to all sites.

'Low' values are for the six sites at which the lowest deposits for the whole year were observed - Edinburgh, Westbury, Castle Donnington (2), East Kilbride, Harpenden.

It will be seen from the table that national average deposit is 18.31 tons per square mile per month, as compared with 12.98 tons per square mile per month for Crewe. But in this respect it ought to be borne in mind that the national average is weighted by the six sites at which the greatest deposits of soot occur and the difference between the deposits at these sites and the majority of others is great; in some cases almost 100 tons per square mile per month.

I think, therefore, it can be said that whilst the degree of air pollution in Crewe is less than exists in some industrial towns, it is capable of appreciable reduction and warrants implementation of the smoke control area provisions of the Clean Air Act.

ATMOSPHERIC POLLUTION

Monthly Deposits in Tons per square mile

MONTH	ASHBANK CO-OP. STORES		IMPERIAL CHAMBERS		SEWAGE WORKS			ELM DRIVE		
	1956	1957	1958	1956	1957	1958	1956	1957	1958	1956
Jan.	16.61	12.43	15.57	24.06	14.35	22.75	9.65	6.74	9.30	13.42
Feb.	14.42	15.18	17.16	15.60	17.27	19.87	13.39	7.46	10.00	10.30
Mar.	18.13	18.08	16.65	20.15	20.78	17.31	10.05	5.93	10.34	12.24
April	18.69	14.28	13.84	19.19	16.67	17.01	12.53	7.29	8.95	14.60
May	12.88	13.52	13.70	13.42	17.10	16.10	8.51	8.44	7.14	11.48
June	21.01	*	13.99	20.16	14.88	16.64	9.97	10.28	9.95	14.86
July	15.00	18.26	11.80	20.03	17.22	13.40	10.81	9.38	6.09	16.39
Aug.	16.63	19.11	11.41	19.00	17.90	14.05	7.66	11.37	7.72	10.48
Sept.	15.56	17.31	15.14	17.57	17.74	17.23	8.33	10.68	7.25	12.40
Oct.	14.16	12.20	13.92	16.96	12.12	16.22	9.75	4.85	6.73	12.28
Nov	14.50	11.80	14.05	18.68	15.79	18.96	8.35	5.05	7.67	12.47
Dec.	13.61	15.32	14.21	18.24	19.36	17.61	9.26	9.13	9.73	10.71
TOTAL	191.10	167.49	171.62	225.06	201.18	207.15	118.26	96.60	100.87	151.63
MONTHLY AVERAGE	15.92	15.23	14.30	18.59	16.77	17.26	9.85	8.05	8.41	12.63

* No result obtained owing to damage to equipment

ATMOSPHERIC POLLUTION

Sulphur Dioxide by the Lead Peroxide Method
Results expressed as mg./SO₂/day/100 sq. cm. of Batch
"A" Lead Peroxide exposed under a louvered cover

MONTH	ASHBANK CO-OP STORES			IMPERIAL CHAMBERS			SEWAGE WORKS			ELM DRIVE		
	1956	1957	1958	1956	1957	1958	1956	1957	1958	1956	1957	1958
Jan.	0.99	0.86	1.65	1.31	1.34	4.28	0.32	0.41	0.26	0.55	0.67	0.88
Feb.	1.32	1.12	2.09	1.32	1.73	3.20	0.68	0.50	0.77	0.90	1.00	1.14
Mar.	1.65	2.39	1.51	1.59	2.96	1.73	0.79	1.00	0.76	0.68	1.09	0.96
Apr.	1.03	1.74	1.32	1.27	2.17	2.01	0.60	0.79	0.53	0.62	0.84	0.82
May	1.17	1.59	1.13	1.48	1.96	1.59	0.39	0.70	0.40	0.68	0.67	0.52
June	1.59	0.81	1.49	1.96	1.18	1.51	0.64	0.46	0.46	0.77	0.35	0.86
July	0.76	0.79	0.93	1.09	1.18	1.11	0.42	0.39	0.43	0.32	0.64	0.48
Aug.	0.92	0.73	0.86	0.99	1.00	1.11	0.30	0.71	0.30	0.48	0.43	0.34
Sept.	0.80	0.98	1.94	0.86	1.51	1.68	0.34	0.36	0.62	0.32	0.34	0.54
Oct.	0.79	2.84	1.96	1.28	2.10	2.81	0.29	0.56	0.99	0.53	2.21	0.60
Nov.	0.77	0.63	2.34	1.20	1.06	3.30	0.36	0.66	1.02	0.28	0.68	1.32
Dec.	0.67	0.99	2.54	1.659	1.58	3.26	0.36	0.46	0.87	0.52	0.90	1.23
TOTAL	12.46	15.47	19.76	16.00	19.77	27.59	5.49	7.00	7.41	6.65	9.82	9.69
MONTHLY AVERAGE	1.038	1.29	1.65	1.33	1.65	2.30	0.46	0.58	0.62	0.55	0.82	0.81

ATMOSPHERIC POLLUTION

Monthly Rainfall in Inches

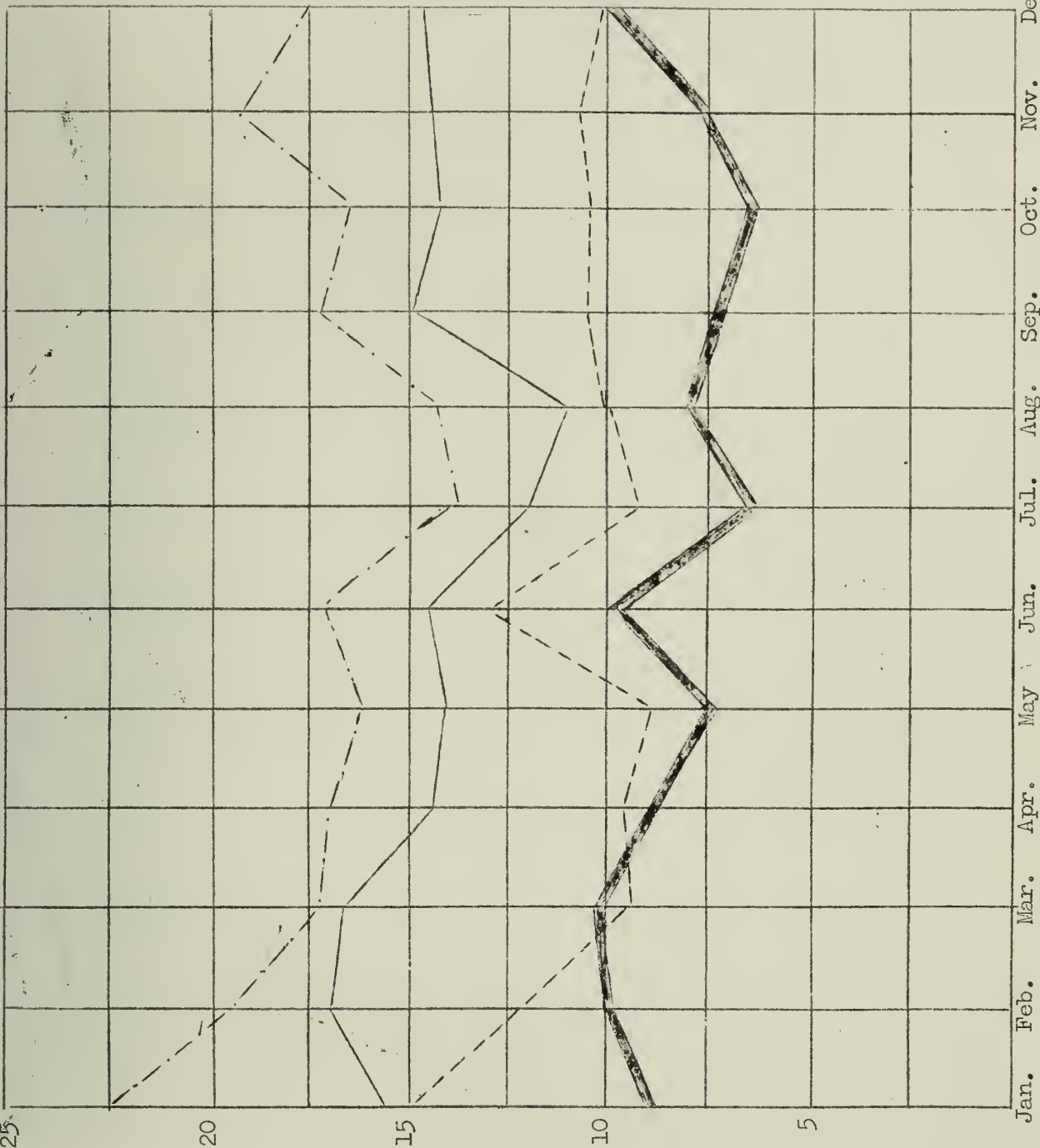
MONTH	ASHBANK CO-OP. STORES			IMPERIAL CHAMBERS			SEWAGE WORKS			ELM DRIVE		
	1956	1957	1958	1956	1957	1958	1956	1957	1958	1956	1957	1958
Jan.	3.37	1.68	2.13	3.89	1.57	2.25	3.65	1.70	1.97	3.79	1.55	2.50
Feb.	0.28	1.98	3.12	0.50	1.91	3.24	0.39	1.89	3.52	0.36	1.88	3.50
Mar.	1.44	2.33	1.20	1.65	2.37	1.31	1.37	2.41	1.25	1.59	2.58	1.34
Apr.	1.98	0.31	0.72	1.64	0.28	0.73	1.96	0.35	0.70	1.80	0.38	0.68
May.	0.52	1.23	2.16	0.55	0.99	2.19	0.64	1.23	2.12	0.65	1.21	2.14
June	2.11	1.72	4.09	2.32	1.28	4.39	2.10	1.42	4.10	2.33	1.65	4.31
Jul.	4.33	4.63	3.53	4.52	5.04	3.25	4.71	4.86	3.29	4.50	5.15	3.66
Aug.	5.58	3.62	3.48	5.49	3.77	3.03	5.48	3.73	2.68	5.58	3.54	3.48
Sept.	2.45	6.08	3.87	2.51	5.93	3.67	2.46	6.08	3.70	2.58	6.10	3.69
Oct.	1.77	2.13	2.45	1.73	2.16	2.50	1.92	2.09	2.62	1.69	2.25	2.74
Nov.	0.93	1.31	1.79	1.04	1.24	1.69	1.01	1.33	1.80	1.03	1.14	1.77
Dec.	1.96	1.92	2.89	1.96	1.91	2.76	1.75	1.75	2.87	1.87	2.16	2.86
TOTAL	26.72	28.94	31.43	27.86	28.45	31.01	27.44	28.84	30.62	27.77	29.59	32.67
MONTHLY AVERAGE	2.23	2.41	2.62	2.32	2.37	2.58	2.29	2.40	2.55	2.31	2.46	2.72

GRAPH I

ATMOSPHERIC POLLUTION

Monthly Deposits in Tons per Square Mile
SMOKE DEPOSITED MATTER 1958

— Ashbank Stores
— Imperial Chambers
- - - Sewage Works
- - - Elm Drive



T O N S

GRAPH II

Ashbank Stores
Imperial Chambers
Sewage Works
Elm Drive

ATMOSPHERIC POLLUTION

Sulphur Dioxide by the Lead Peroxide Method
Results expressed as Mg.SO₃/Day/100 sq.cm. of Batch
'A' Lead Peroxide exposed under a lowered cover
SULPHUR DIOXIDE DEPOSITS 1958

